NORTH CAROLINA

Violent Death Reporting System Guilford County 2004 – 2007

March 2010

North Carolina
Injury & Violence
PREVENTION Branch

Division of Public Health

Background and Acknowledgements

The North Carolina Violent Death Reporting System (NC-VDRS) is a CDC-funded state-wide surveillance system that collects detailed information on deaths resulting from violence: homicide, suicide, unintentional firearm deaths, legal intervention, and deaths for which intent could not be determined. NC-VDRS is a multi-source system that gathers information from death certificates, medical examiner reports, and law enforcement reports. The goal of this system is to aid researchers, legislators, and community interest groups in the development of public health prevention strategies to reduce violent deaths. NC-VDRS began collecting data in January, 2004. This document summarizes findings from Guilford County, North Carolina that occurred from 2004 to 2007.

A Statewide Annual Report for 2007 will be completed by summer of 2010. More information can be found at: www.injuryfreenc.ncdhhs.gov/About/ncVDRS.htm.

The task of locating, abstracting, entering, and evaluating the data that are used to create the NC-VDRS is challenging, time-consuming and difficult. The extent and quality of the data in this report are the direct result of the dedication of the NC-VDRS staff: Tammy Norwood, Program Manager, and Susan Autry and Pat Jones, Statistical Research Assistants.

Thanks to Sharon Schiro for the analysis and programming of the NC-VDRS data, and Becca Byrd for the formatting and updating of this report.

Three advisory groups provided assistance to us with this report. The leadership of these advisory groups formed the Board Leadership & Evaluation Team (BLET). Members of the BLET for 2007 were Tamera Coyne-Beasley, Kay Sanford, Phillip J. Cook, Sandra Martin, Steve Marshall, and Anna Waller.

We acknowledge the assistance and on-going support of the N.C. State Center for Health Statistics, the N.C. Office of the Chief Medical Examiner, and the N.C. State Bureau of Investigation, as well as the many local law enforcement agencies throughout N.C. that have provided information to the NC-VDRS.

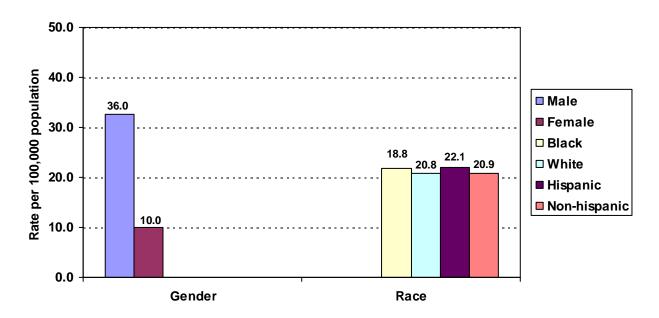
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SECTION I: OVERALL

Table 1: Ger	nder, Race, and A Guilford Cou	Age Group of Nunty, NC; 2004		Victims in	
		Number	%	Rate	CI
Gender					
	Male	283	75.1	32.7	28.9 - 36.5
	Female	94	24.9	10.0	8.0 – 12.0
Race					
	American Indian	4	1.1	*	*
	Asian	6	1.6	10.2	2.0 - 18.4
	Black	124	32.9	21.9	18.0 - 25.8
	White	242	64.2	20.8	18.2 - 23.4
	Other	1	0.3	*	*
Hispanic					
	Hispanic	22	5.8	22.1	12.9 - 31.3
	Non-Hispanic	355	94.2	20.9	18.7 - 23.1
Age Group					
	< 1	3	0.8	*	*
	1 - 4	2	0.5	*	*
	5 - 9	1	0.3	*	*
	10 - 14	4	1.1	*	*
	15 - 19	19	5.0	14.5	8.0 – 21.0
	20 - 24	43	11.4	33.1	23.2 – 43.0
	25 - 34	80	21.2	32.9	25.7 - 40.1
	35 - 44	75	19.9	27.6	21.3 - 33.9
	45 - 54	64	17.0	24.6	18.6 - 30.6
	55 - 64	47	12.5	23.9	17.1 - 30.7
	65 - 74	23	6.1	20.7	12.2 - 29.2
	75 - 84	11	2.9	14.7	6.0 - 23.4
	85 +	5	1.3	17.4	2.1 - 32.7
Total Deaths		377	100		

 $^{^{\}star}$ The number of deaths was zero or too small to support the calculation of a rate.

Overall Violent Death Rates by Gender and Race, Guilford County, NC; 2004 - 2007



Overall Violent Death Rates by Age, Guilford County, NC; 2004 - 2007

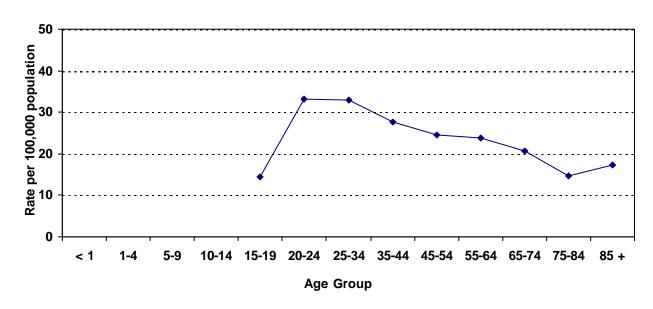
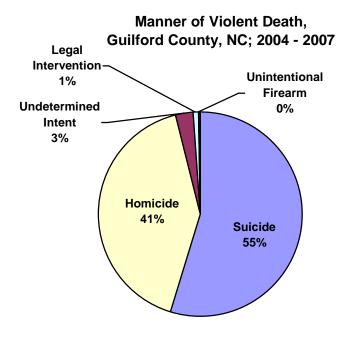
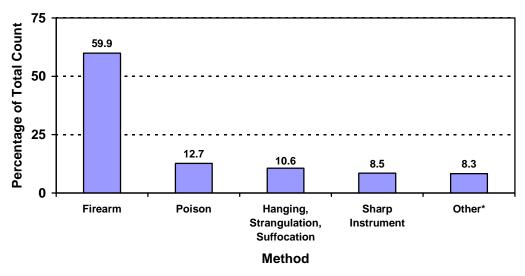


Table 2: Manner a	and Method of Violent Death Victims in	Guilford County,	NC; 2004 - 2007
		Number	%
Manner of Death			
	Suicide	207	54.9
	Homicide	156	41.4
	Undetermined Intent	10	2.7
	Legal Intervention	3	0.8
	Unintentional Firearm	1	0.3
Method			
	Firearm	226	59.9
	Poisoning	48	12.7
	Hanging, Strangulation, Suffocation	40	10.6
	Sharp Instrument	32	8.5
	Blunt Instrument	9	2.4
	Unarmed Assault	8	2.1
	Fall	4	1.1
	Fire or Burns	4	1.1
	Other Transport Vehicle	2	0.5
	Violent Shaking	2	0.5
	Drowning	1	0.3
	Unknown	1	0.3
Total Deaths		377	100



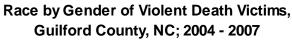
Method of Death for Overall Violent Deaths, Guilford County, NC; 2004 - 2007



^{*} Other methods include: blunt instruments, unarmed assaults, falls, drowning, fires or burns, violent shaking, motor vehicles, other transport vehicles, intentional neglect and other unspecified methods.

Table	Table 3: Race by Gender of Violent Death Victims in Guilford County, NC; 2004 - 2007										
		Male				Female				Total	
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%	
Race											
American Indian	4	1.4	*	*	0	0	*	*	4	1.1	
Asian	5	1.8	16.8	2.1 - 31.5	1	1.1	*	*	6	1.6	
Black	100	35.3	38.2	30.7 - 45.7	24	25.5	7.9	4.7 - 11.1	124	32.9	
White	174	61.5	30.6	26.0 - 35.2	68	72.3	11.4	8.7 - 14.1	242	64.2	
Other/ Unknown	0	0	*	*	1	1.1	*	*	1	0.3	
Total Deaths	283	100			94	100			377	100	

^{*} The number of deaths was zero or too small to support the calculation of a rate.



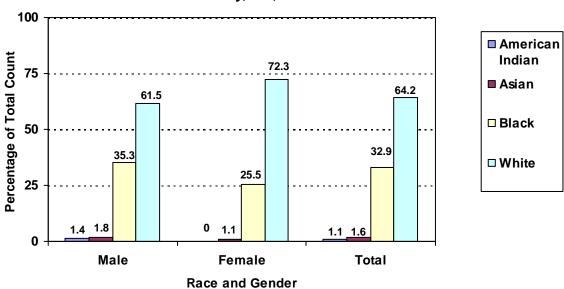
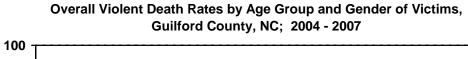
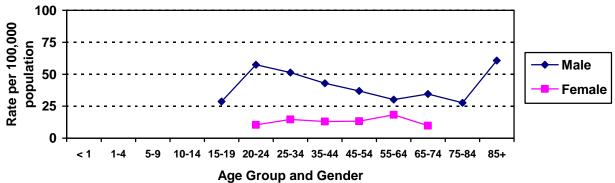


Table 4	l: Age Gro	up by G	ender	of Violent Do	eath Victim	ns in Gu	uilford Co	ounty, NC; 2	2004 - 2007		
		M	lale			Female				Total	
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%	
Age Group											
<1	1	0.4	*	*	2	2.1	*	*	3	0.8	
1 - 4	1	0.4	*	*	1	1.1	*	*	2	0.5	
5 - 9	1	0.4	*	*	0	0	*	*	1	0.3	
10 - 14	3	1.1	*	*	1	1.1	*	*	4	1.1	
15 - 19	18	6.4	28.6	15.4 - 41.8	1	1.1	*	*	19	5.0	
20 - 24	36	12.7	57.5	38.7 - 76.3	7	7.4	10.4	2.7 - 18.1	43	11.4	
25 - 34	62	21.9	51.3	38.5 - 64.1	18	19.1	14.7	7.9 - 21.5	80	21.2	
35 - 44	57	20.1	42.9	31.8 – 54.0	18	19.1	13.0	7.0 – 19.0	75	19.9	
45 - 54	46	16.3	36.9	26.2 - 47.6	18	19.1	13.3	7.1 - 19.5	64	17.0	
55 - 64	28	9.9	30.2	19.0 - 41.4	19	20.2	18.3	10.1 - 26.5	47	12.5	
65 - 74	17	6.0	34.6	18.2 – 51.0	6	6.4	9.7	1.9 - 17.5	23	6.1	
75 - 84	8	2.8	27.7	8.5 - 46.9	3	3.2	*	*	11	2.9	
85 +	5	1.8	60.7	7.5 - 113.9	0	0	*	*	5	1.3	
Total Deaths	283	100			94	100			377	100	

^{*} The number of deaths was zero or too small to support the calculation of a rate.





SECTION II: SUICIDE

Table 5: (Table 5: Gender, Race, and Age Group of Suicide Victims in Guilford County, NC; 2004 - 2007								
		Number	%	Rate	CI				
Gender									
	Male	150	72.5	20.2	17 - 23.4				
	Female	57	27.5	6.9	5.1 - 8.7				
Race									
	American Indian	3	1.4	*	*				
	Asian	3	1.4	*	*				
	Black	20	9.7	4.2	2.4 – 6.0				
	White	181	87.4	17.6	15.0 - 20.2				
Hispanic									
	Hispanic	6	2.9	8.0	1.6 - 14.4				
	Non-Hispanic	201	97.1	13.5	11.6 - 15.4				
Age Group									
	10 - 14	1	0.5	*	*				
	15 - 19	5	2.4	3.8	0.5 - 7.1				
	20 - 24	17	8.2	13.1	6.9 - 19.3				
	25 - 34	35	16.9	14.4	9.6 - 19.2				
	35 - 44	43	20.8	15.8	11.1 - 20.5				
	45 - 54	38	18.4	14.6	9.9 - 19.3				
	55 - 64	36	17.4	18.3	12.3 - 24.3				
	65 - 74	18	8.7	16.2	8.7 - 23.7				
	75 - 84	9	4.3	12.0	4.1 - 19.9				
	85 +	5	2.4	17.4	2.1 - 32.7				
Total Deaths		207	100						

^{*} The number of deaths was zero or too small to support the calculation of a rate.

Suicide Rates by Gender and Race, Guilford County, NC; 2004 - 2007

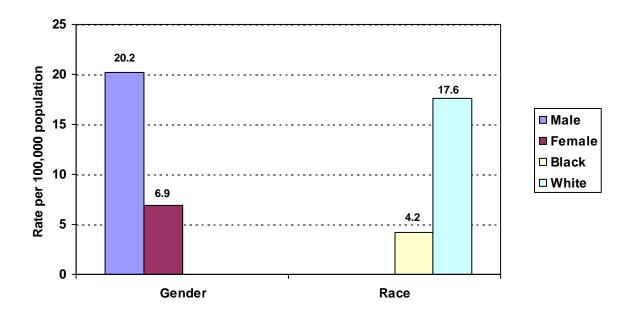
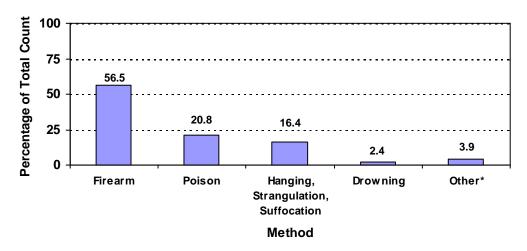


Table 6: Method of Death for Suicide Deaths in Guilford County, NC; 2004 - 2007						
		Number	%			
Method						
	Firearm	117	56.5			
	Poisoning	43	20.8			
	Hanging, Strangulation, Suffocation	34	16.4			
	Sharp Instrument	5	2.4			
	Fall	4	1.9			
	Fire or Burns	2	1.0			
	Other Transport Vehicle	2	1.0			
Total Deaths		207	100			

Method of Death for Suicide Deaths, Guilford County, NC; 2004 - 2007

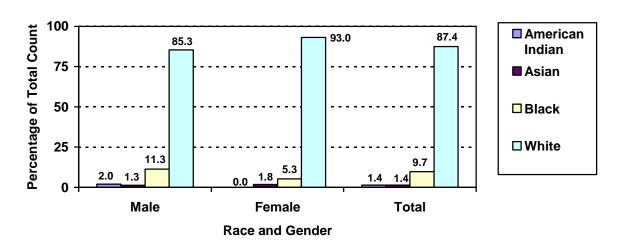


^{*} Other methods include: blunt instruments, unarmed assaults, fires or burns, motor vehicle, falls, violent shaking, intentional neglect, and other unspecified methods.

Tabl	Table 7: Race by Gender of Suicide Victims in Guilford County, NC; 2004 - 2007									
		Male			Female				Total	
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%
Race										
American Indian	3	2.0	*	*	0	0	*	*	3	1.4
Asian	2	1.3	*	*	1	1.8	*	*	3	1.4
Black	17	11.3	7.8	4.1 - 11.5	3	5.3	*	*	20	9.7
White	128	85.3	25.8	21.3 - 30.3	53	93.0	10.0	7.3 - 12.7	181	87.4

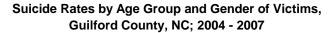
^{*} The number of deaths was zero or too small to support the calculation of a rate.

Race by Gender of Suicide Victims, Guilford County, NC; 2004 - 2007



Tak	ole 8: Age (Group l	by Gen	der of Suicide	e Victims i	n Guilfo	ord Coun	ty, NC; 2004	- 2007	
		N	/lale			F	emale		Total	
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%
Age Group										
10 - 14	1	0.7	*	*	0	0	*	*	1	0.5
15 - 19	5	3.3	7.9	0.9 - 14.9	0	0	*	*	5	2.4
20 - 24	15	10.0	24.0	11.9 - 36.1	2	3.5	*	*	17	8.2
25 - 34	25	16.7	20.7	12.6 - 28.8	10	17.5	8.2	3.1 - 13.3	35	16.9
35 - 44	32	21.3	24.1	15.8 - 32.4	11	19.3	7.9	3.2 - 12.6	43	20.8
45 - 54	25	16.7	20.0	12.1 - 27.9	13	22.8	9.6	4.4 - 14.8	38	18.4
55 - 64	19	12.7	20.5	11.3 - 29.7	17	29.8	16.4	8.6 - 24.2	36	17.4
65 - 74	16	10.7	32.6	16.7 - 48.5	2	3.5	*	*	18	8.7
75 - 84	7	4.7	24.3	6.3 - 42.3	2	3.5	*	*	9	4.3
85 +	5	3.3	60.7	7.5 - 113.9	0	0	*	*	5	2.4
Total Deaths	150	100			57	100			207	100

^{*} The number of deaths was zero or too small to support the calculation of a rate.



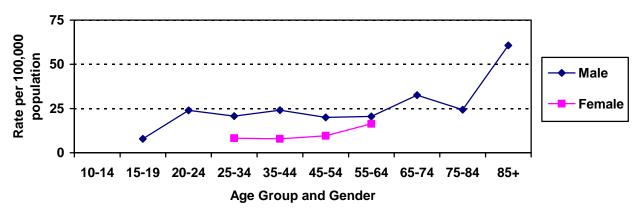
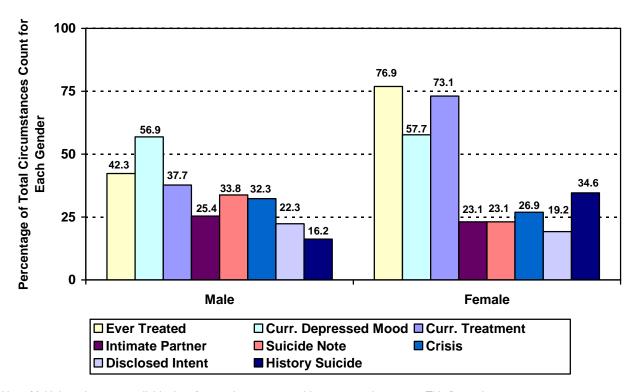


Table 9: Circumstances of Suicid	e Victims in G	uilford C	ounty, NC	; 2004 - 2	007	
	Mal	le	Fem	ale	Tot	al
	Number	%	Number	%	Number	%
Victim Circumstances						
Current depressed mood	74	56.9	30	57.7	104	57.1
Current treatment for mental illness	49	37.7	38	73.1	87	47.8
Ever treated for mental illness	55	42.3	40	76.9	95	52.2
Alcohol problem	19	14.6	10	19.2	29	15.9
Other substance problem	13	10.0	8	15.4	21	11.5
Left a suicide note	44	33.8	12	23.1	56	30.8
Disclosed intent to commit suicide	29	22.3	10	19.2	39	21.4
History of suicide attempts	21	16.2	18	34.6	39	21.4
Crisis in past two weeks	42	32.3	14	26.9	56	30.8
Physical health problem	24	18.5	6	11.5	30	16.5
Intimate partner problem	33	25.4	12	23.1	45	24.7
Other relationship problem	13	10.0	4	7.7	17	9.3
Job problem	12	9.2	3	5.8	15	8.2
School problem	0	0	0	0	0	0
Financial problem	11	8.5	2	3.8	13	7.1
Suicide of family or friend in past 5 years	3	2.3	0	0	3	1.6
Other death of friend/ family	3	2.3	1	1.9	4	2.2
Recent criminal/ legal problem	8	6.2	0	0	8	4.4
Other legal problems	1	0.8	1	1.9	2	1.1
Perpetrator of interpersonal violence in past month	6	4.6	1	1.9	7	3.8
Victim of interpersonal violence in past month	1	0.8	0	0	1	0.5

^{*} Circumstances are only available for 1,000 of the 1,085 suicide deaths where age was ≥ 10. The denominator of the percentage is the total number of suicide victims for each gender category who had circumstance data available. Each suicide victim may have 0 to many circumstances.

Circumstances by Gender for Suicide Victims, Guilford County, NC; 2004 - 2007



^{*} Note: Multiple options are available therefore such responses add up to more than 100%. This figure does not include all circumstances.

Table 10: Mental Illnesses Under Treatment at the Time of Suicide in Guilford County, NC; 2004 - 2007								
	Male	Female	Total					
	Number	Number	Number					
Mental Illness								
Depression/ Dysthymia	47	34	81					
Bipolar Disorder	8	9	17					
Anxiety Disorder	5	3	8					
Schizophrenia	2	1	3					

SECTION III: HOMICIDE

Table 11:	Table 11: Gender, Race, and Age Group of Homicide Victims in Guilford County, NC; 2004 - 2007								
		Number	%	Rate	CI				
Gender									
	Male	122	78.2	14.1	11.6 - 16.6				
	Female	34	21.8	3.6	2.4 - 4.8				
Race									
	American Indian	1	0.6	*	*				
	Asian	3	1.9	*	*				
	Black	100	64.1	17.7	14.2 - 21.2				
	White	51	32.7	4.4	3.2 - 5.6				
	Other	1	0.6	*	*				
Hispanic									
	Hispanic	16	10.3	16.1	8.2 – 24.0				
	Non-Hispanic	140	89.7	8.2	6.8 - 9.6				
Age Group									
	< 1	3	1.9	*	*				
	1 - 4	2	1.3	*	*				
	5 - 9	1	0.6	*	*				
	10 - 14	3	1.9	*	*				
	15 - 19	13	8.3	9.9	4.5 - 15.3				
	20 - 24	23	14.7	17.7	10.5 - 24.9				
	25 - 34	43	27.6	17.7	12.4 – 23.0				
	35 - 44	31	19.9	11.4	7.4 - 15.4				
	45 - 54	22	14.1	8.5	5.0 – 12.0				
	55 - 64	9	5.8	4.6	1.6 - 7.6				
	65 - 74	4	2.6	*	*				
	75 - 84	2	1.3	*	*				
	85 +	0	0	*	*				
Total Deaths		156	100						

^{*} The number of deaths was zero or too small to support the calculation of a rate.

Homicide Rates by Gender and Race, Guilford County, NC; 2004 - 2007

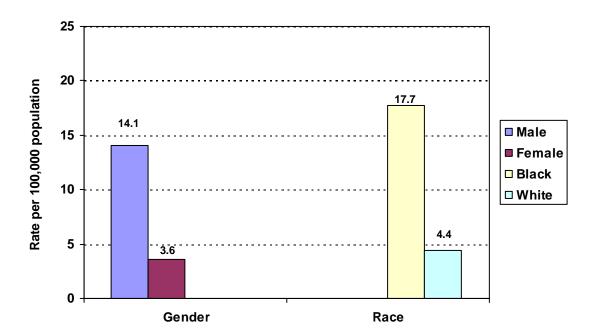
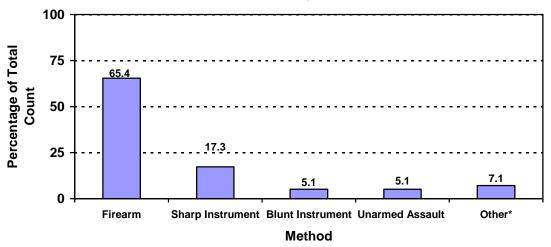


Table	Table 12: Method of Death for Homicide Deaths in Guilford County, NC; 2004 - 2007						
Method		Number	%				
	Firearm	102	65.4				
	Sharp Instrument	27	17.3				
	Blunt Instrument	8	5.1				
	Unarmed Assault	8	5.1				
	Hanging, Strangulation, Suffocation	6	3.8				
	Violent Shaking	2	1.3				
	Drowning	1	0.6				
	Poisoning	1	0.6				
	Unknown	1	0.6				
Total Deaths		156	100				

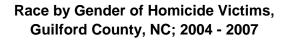
Method of Death for Homicide Deaths, Guilford County, NC; 2004 - 2007



^{*} Other methods include: fires or burns, drowning, motor vehicle, falls, violent shaking, intentional neglect, and other unspecified methods.

Table 13: Race by Gender of Homicide Victims in Guilford County, NC; 2004 - 2007											
		IV	lale			Fen		Total			
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%	
Race											
American Indian	1	0.8	*	*	0	0	*	*	1	0.6	
Asian	3	2.5	*	*	0	0	*	*	3	1.9	
Black	79	64.8	30.2	23.6 - 36.8	21	61.8	6.9	4.0 - 9.8	100	64.1	
White	39	32.0	6.9	4.7 - 9.1	12	35.3	2.0	0.9 - 3.1	51	32.7	
Other/ Unknown	0	0	*	*	1	2.9	*	*	1	0.6	

^{*} The number of deaths was zero or too small to support the calculation of a rate.



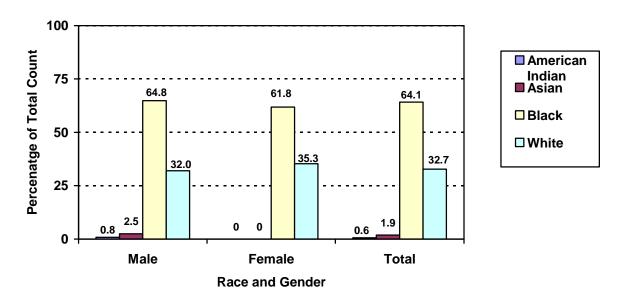


Table 14: Age Group by Gender of Homicide Victims in Guilford County, NC; 2004 - 2007											
				Fe	Total						
	Number	%	Rate	CI	Number	%	Rate	CI	Number	%	
Age Group											
< 1	1	0.8	*	*	2	5.9	*	*	3	1.9	
1 - 4	1	0.8	*	*	1	2.9	*	*	2	1.3	
5 - 9	1	0.8	*	*	0	0	*	*	1	0.6	
10 - 14	2	1.6	*	*	1	2.9	*	*	3	1.9	
15 - 19	12	9.8	19.0	8.2 - 29.8	1	2.9	*	*	13	8.3	
20 - 24	18	14.8	28.7	15.4 – 42.0	5	14.7	7.4	0.9 - 13.9	23	14.7	
25 - 34	35	28.7	29.0	19.4 - 38.6	8	23.5	6.5	2.0 – 11.0	43	27.6	
35 - 44	24	19.7	18.1	10.9 - 25.3	7	20.6	5.1	1.4 - 8.8	31	19.9	
45 - 54	19	15.6	15.2	8.4 – 22.0	3	8.8	*	*	22	14.1	
55 - 64	7	5.7	7.6	2.0 - 13.2	2	5.9	*	*	9	5.8	
65 - 74	1	0.8	*	*	3	8.8	*	*	4	2.6	
75 - 84	1	0.8	*	*	1	2.9	*	*	2	1.3	
Total Deaths	122	100			34	100			156	100	

Homicide Rates by Age Group and Gender of Victims, Guilford County, NC; 2004 - 2007

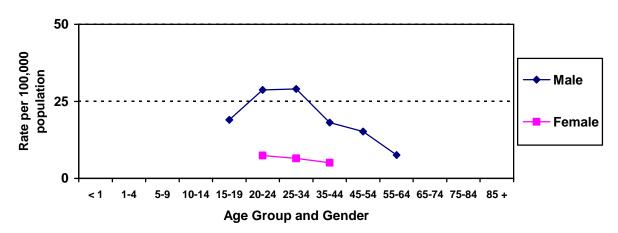


Table 15: Circumstances of Homicides in Guilford County, NC; 2004 - 2007										
		Number	%							
Event Circumstances										
	Other argument, abuse, or conflict	52	41.6							
	Precipitated by another serious crime	45	36.0							
	Intimate partner violence related	25	20.0							
	Drug Involvement	20	16.0							
	Argument over money or property	5	4.0							
	Gang related	4	3.2							
	Jealousy (lovers triangle)	3	2.4							
Victim Characteristics			_							
	Victim used a weapon	8	6.4							
	Victim was a bystander	1	0.8							

^{*}The denominator of the percentage is the total number of homicide victims who had circumstance data available. Each homicide victim may have anywhere from zero to many circumstances.

Table 16: Crimes Precipitating Homicides in Guilford County, NC; 2004 - 2007											
	Male	Female	Total								
	Number	Number	Number								
Crime											
Robbery	21	3	24								
Drug Trade	8	1	9								
Burglary	6	3	9								
Rape, Sexual Assault	0	4	4								
Motor Vehicle Theft	1	2	3								
Assault, Homicide	2	1	3								

Table 17: Type of Weapon by Manner of Death in Guilford County, NC; 2004 - 2007												
	Manner of Death											
Weapon Type	Suicide		Homicide		Unintentional Firearm		Legal Intervention		Undetermined Intent		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Firearm	117	56.5	102	65.4	1	100.0	3	100.0	3	30.0	226	59.9
Poisoning	43	20.8	1	0.6	0	0	0	0	4	40.0	48	12.7
Hanging, Strangulation, Suffocation	34	16.4	6	3.8	0	0	0	0	0	0	40	10.6
Sharp Instrument	5	2.4	27	17.3	0	0	0	0	0	0	32	8.5
Blunt Instrument	0	0	8	5.1	0	0	0	0	1	10.0	9	2.4
Unarmed Assault	0	0	8	5.1	0	0	0	0	0	0	8	2.1
Fall	4	1.9	0	0	0	0	0	0	0	0	4	1.1
Fire or Burns	2	1.0	0	0	0	0	0	0	2	20.0	4	1.1
Violent Shaking	0	0	2	1.3	0	0	0	0	0	0	2	0.5
Other Transport Vehicle	2	1.0	0	0	0	0	0	0	0	0	2	0.5
Drowning	0	0	1	0.6	0	0	0	0	0	0	1	0.3
Unknown	0	0	1	0.6	0	0	0	0	0	0	1	0.3
Total Deaths	207	100	156	100	1	100	3	100	10	100	377	100

Table 18: Type of Firearm by Manner of Death in Guilford County, NC; 2004 – 2007 For Firearm Deaths Only

	Manner of Death											
Firearm Type	Suicide		Homicide		Unintentional Firearm		Legal Intervention		Undetermined Intent		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Handgun	78	66.7	80	78.4	1	100.0	2	66.7	3	100.0	164	72.6
Rifle	17	14.5	5	4.9	0	0	1	33.3	0	0	23	10.2
Shotgun	18	15.4	4	3.9	0	0	0	0	0	0	22	9.7
Unknown Firearm Type	3	2.6	12	11.8	0	0	0	0	0	0	15	6.6
Other	1	0.9	1	1.0	0	0	0	0	0	0	2	0.9
Total Deaths	117	100	102	100	1	100	3	100	3	100	226	100

GLOSSARY

Adult Person was 18 years of age or older on date of death.

Child Person was less than 18 years of age on date of death.

Legal intervention Decedent was killed by a police officer or some other peace officer,

including military police, acting in the line of duty. Includes legal

executions.

Occurrent death Death occurred in NC. Decedent may or may not have been a NC resident at

the time of death.

Peace officer Person with specified legal authority to use deadly force.

Rates Calculated as count x 100,000/population.

Resident death Victim was a NC resident at the time of death and the death occurred in NC.

All deaths reported in this report are resident deaths.

Undetermined intent A death resulting from the use of force or power against oneself or another

person for which the evidence indicating the manner of death was not

sufficient to determine intent.

Violent death Intentional use of physical force or power against oneself, another person, or

against a group or community. Deaths meeting this definition include

suicides, homicides, and legal interventions.







State of North Carolina • Beverly Eaves Perdue, Governor
Department of Health and Human Services
Lanier M. Cansler, Secretary
Division of Public Health • Jeffrey P. Engel, State Health Director
Injury and Violence Prevention Branch

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